Substitute	for form 1449A/PTO			Co	omplete if Known	
Substitute	101 101111 1449/01 10			Application Number	09/936,922	
<b>INFO</b>	RMATION D	ISC	LOSURE	Filing Date	October 31, 2001	
STAT	EMENT BY	ΔΡ	PLICANT	First Named Inventor	SHINITZKY et al	
O I A I		, ,,	. 2.0/	Group Art Unit	1614	
	(use as many sheets	s as n	ecessary)	Confirmation No.	3023	
Sheet	1	of	4	Attorney Docket Number	SHINITZKY=5	<del></del>

					U.S. PATENT DOCU	MENTS		
N lie	xaminer nitials*	Cite No.1	U.S. Patent Number	Document Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
<b>%</b>	SIV	AA	5,565,439		Piazza et al	10/15/1996	긁	
\$							C <sub>C</sub>	$\underline{\mathcal{I}}$
\$								T
外							四 5 (	
								ò
							4 Œ	
Г							20	<
							102	
							29	
							8	_

				FOREIG	IN PATENT DOCUMEN	TS		
Examiner	Cite	3	Foreign Patent Nu	Kind Code <sup>5</sup>		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
Initials*	No.¹ AB	Office <sup>3</sup> WO	Number 00/09139	(if known)	The Regents of the Univ. of California		Ů.	
5V	AC	WO	00/57864		Yeda Research & Dev. Co., Ltd.			
							TC 3	
							REC:	
							11.0014 11.0014	

Signature Consideration	sidered //- Ub-0 C
-------------------------	--------------------

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

~1

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

PT <del>O/S</del> B/57	(10/96
<u>0,</u> 000,0	(10/30

			$\sim$		
Substitute for form 1449A/PTO	Co	omplete if Known	HO	3	1
	Application Number	09/936,922	<u>—</u>	AR	
INFORMATION DISCLOSURE	Filing Date	October 31, 2001	Ħ	<b></b>	
STATEMENT BY APPLICANT	First Named Inventor	SHINITZKY et al	30	4	
	Group Art Unit	1614	<u> </u>	20	
(use as many sheets as necessary)	Confirmation No.	3023	- <u>S</u>	02	
Shoot 2 of 4	Attorney Docket Number	SHINITZKY=5	- 10		

MAR 0 8 2002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), in the capital control of the author (in CAPITAL LETTERS).

	_			
Eyai Eyai Vitia	miner ils*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
50	<u>.</u> د	AD	FRIEDMAN, P. et al, "Conversion of Lysophospholipids to Cyclic Lysophosphatidic Acid by Phospholipase D" Journal of Biological Chemistry; Vol. 271, No. 2, 1996; pp. 953-957.	
	6	AE	M. SHINITZKY et al; "Induction of Intracellular Signaling by Cyclic Glycerophosphates and their Deoxy Analogues"; European Journal Of Biochemistry; Vol. 267, No. 9, 2000; pp. 2547-2554.	
	ŕ	AF	M. MUKAI et al; "Inhibition of Tumor Invasion and Metastasis by a Novel Lysophosphatidic Acid; Int. J. Cancer; 1999; Vol. 81 No. 6; pp. 918-922.	
	Ģ	AG	S. KOBAYASHI et al; "Tumor Metastasis Inhibitors Containing 1-0-acylglycerol-2,3-phosphates"; STN; Database Accession No. 126:220705; and JP 09 025235; 1997; Abstract Only.	
	ΰ	АН	S. KOBAYASHI et al; "Preparation of -0-acrylglycerol-2,3-phosphates and DNA Polymerase.alpha-inhibitors containing them"; Database Accession No. 124:76506; and JP 07 258278; 1995; Abstract Only.	) 
	ý	Al	S. KOBAYASHI et al; "Method for Preparation of 1-0-acylglycerol-2,3-cyclic phosphate"; STN; Database— Accession No. 123:144502; and JP 06 228169; 1994; Abstract Only.	in mand ( ) i mand
	6	AJ	S. KOBAYASHI et al; "Promoters of Protein Phosphokinase C activation Containing 1-0-acylglycerol 2,3-cyclic phosphate"; STN; Database Accession No. 123:350234; and JP 07 149772; 1995; Abstract Only.	,
		AK	D. C. AYRES et al; "The Organic Chemistry of Phosphorus. Part V."; J. Chem Soc. 1957; pp. 1109-1114.	
	ě	AL	M. REVEL et al; "Phosphorus Heterocycles. XXVIII. NMR Study of 4-monosubstituted 1,3,2-dioxa- and -dithiaphospholane Derivatives"; Org. Magn. Reson.; Vol. 8, No. 8; pp. 399-406, 1976.	
	i	АМ	T. UKITA et al; "Organic Phosphates. I. Synthesis of 1,2-Diol Cyclic Phosphates"; <i>Pharm. Bull</i> ; Vol. 5; pages 121-126; 1957.	
	o	AN	B. SU et al; "Identification of a Putative Tumor Marker in Breast and Colon Cancer"; Cancer Res.; Vol. 53, No. 8; pages 1751-4, 1993.	
ςî	1	AO	S. ABBOTT et al; "Chiral '160, 170, 180!phosphate monoesters.1.Assymetric synthesis and stereochemical analysis of '1(R)-160, 170, 180!phospho-(S)-propane-1,2-diol" <i>J. AM. Chem. Soc.;</i> 1978, Vol. 100, No. 8, pp. 2558-60.	

Examiner Signature Signature	Date Considered (1-76-07	/
------------------------------	--------------------------	---

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

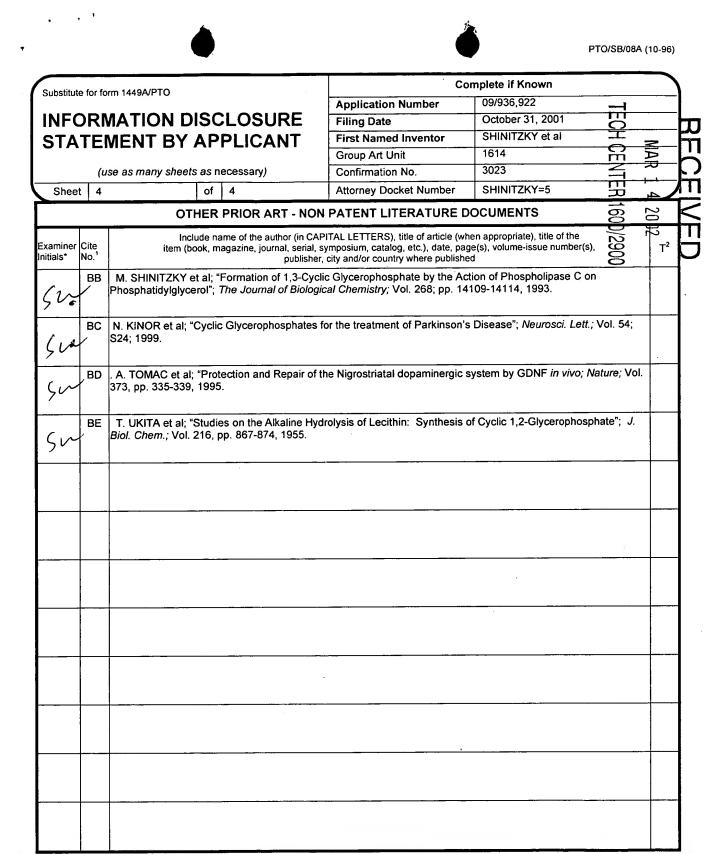
Sub	ostitut	e for fo	rm 1449A/PTO	Cor	mplete if Known			
				Application Number	09/936,922			
	1FC	DRI	MATION DISCLOSURE	Filing Date	October 31, 2001			
l s	TΑ	TEI	MENT BY APPLICANT	First Named Inventor Group Art Unit	SHINITZKY et al	3		
			0.0.000	Group Art Unit	1614	₩ AR		
Ţ		(u	se as many sheets as necessaMAR 0 8 2002	Sonfirmation No	3023	<b>}A</b>		
$\mathcal{O}$	Shee	t 3	of 4 P	attorney Docket Number	SHINITZKY=5	4		
200			OTHER PRIOR ARTHANDS	PATENT LITERATURE D		200		
0(2 Example 1/8)		Cite No.1	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	rmposium, catalog, etc.), date, pag- city and/or country where published	e(s), volume-issue number(s),	T <sup>2</sup>		
6		AP	R. K. BOYD et al; "Glycerol 1,2-Cyclic Phosp No. 26, 199; pp. 12406-12408.	hate in Centric Diatoms"; Jour	nal of Biological Chemistry; Vol. 262			
ā .	AQ N. CLARKE et al; Enzymatic Formation of Glycerol 1:2-Cyclic Phosphate"; Biochem J., Vol. 153, pp. 745-747; 1976.							
	0	AR . R. M. C. DAWSON; "Advances in Phosphoglyceride Chemistry"; Ann. Rept. Progr. Chem. Vol. 55, pp. 365-377; 1958.						
	c	AS	R. M. C. DAWSON et al; "The Enzymatic Formation of myoinositol 1:2-Cyclic Phosphate from Phosphatidylinositol"; <i>Biochem J.</i> ; Vol. 122, pp. 605-607, 1971.					
	8	AT	P. FRIEDMAN et al; "Conversion of Lysophospholipids to Cyclic Lysophosphatidic Acid by Phospholipase D"; The Journal of Biolgical Chemistry; Vol. 271, No. 2, pp. 953-957; 1996.					
	,	AU	T. HAGG et al: "Ciliary Neurotrophic factor pr neurons in vivo; Proc. Natl. Acad. Sci. USA; N	revents degeneration of adult r /ol. 90, pp. 6315-6319; 1993.	at substantia nigra dopaminergic			
	0	AV	E. P. KENNEDY et al; "The Function of Cytid Chem., Vol. 22, pp. 193-214; 1956.	line Coenzymes in the Biosynt	hesis of Phospholipides"; J. Biol.			
	0	AW	B. KNUSEL et al; "Selective and Nonselectiv Development <i>in vitro</i> by Nerve Growth Factor, and the Insulin-like Growth Factors I and II"; <i>T</i>	Basic Fibroblast Growth Factor	or, Epidermal Growth Factor, Insulin			
		AX	B. KNUSEL et al; "Promotion of Central Cho Neurotrophic factor but not Neurotrophin 3"; P	olinergic and Dopaminergic Ne Pro. Natl. Acad. Sci.; Vol. 88; pp	o. 961-965, 1991. —			
	ó	AY	L. F. LELOIR; "The Enzymatic Transformation of Uridine Diphosphate Glucose into a Galactose Derivative"; F1  Biochem. Biophys. J. Vol. 33; pp. 186190; 1951.					
	4	AZ	L. H. LIN et al; "A Glial Cell Line-Derived Neu Vol. 260; pp. 1130-1134, 1993.	urotrophic Factor for Midbrain I	- Z2			
5	$\mathcal{V}_{\mathcal{C}}$	ВА	R. MARKHAM et al; "The Structure of Ribonu	ucleic Acid"; J.D. Biochem J.; \	/ol. 52, pp. 552-557, 1 <u>95</u> 2.			
-		<u> </u>						
Fy	amii	ner	2 -/	Date	d 11-26-02			
	anati		6.1	Considere	nd 111-00-00			

Signature

Considered

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Examiner Signature 4.	Date Considered 11-26-02
-----------------------	--------------------------

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.